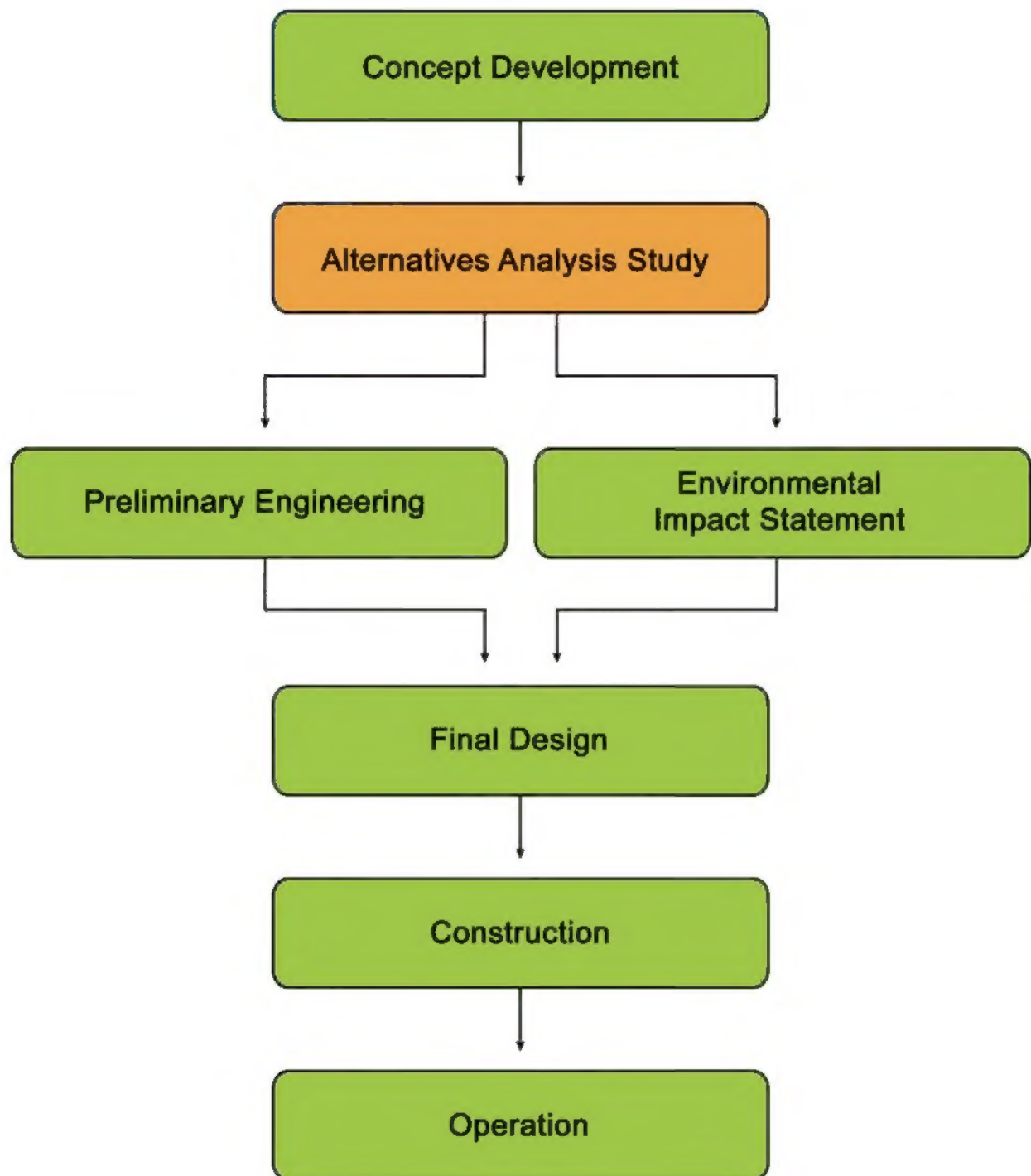


FTA's New Starts Process



**Yellow Line Extension
Alternative Analysis Study**



Purpose and Need

Transportation Needs

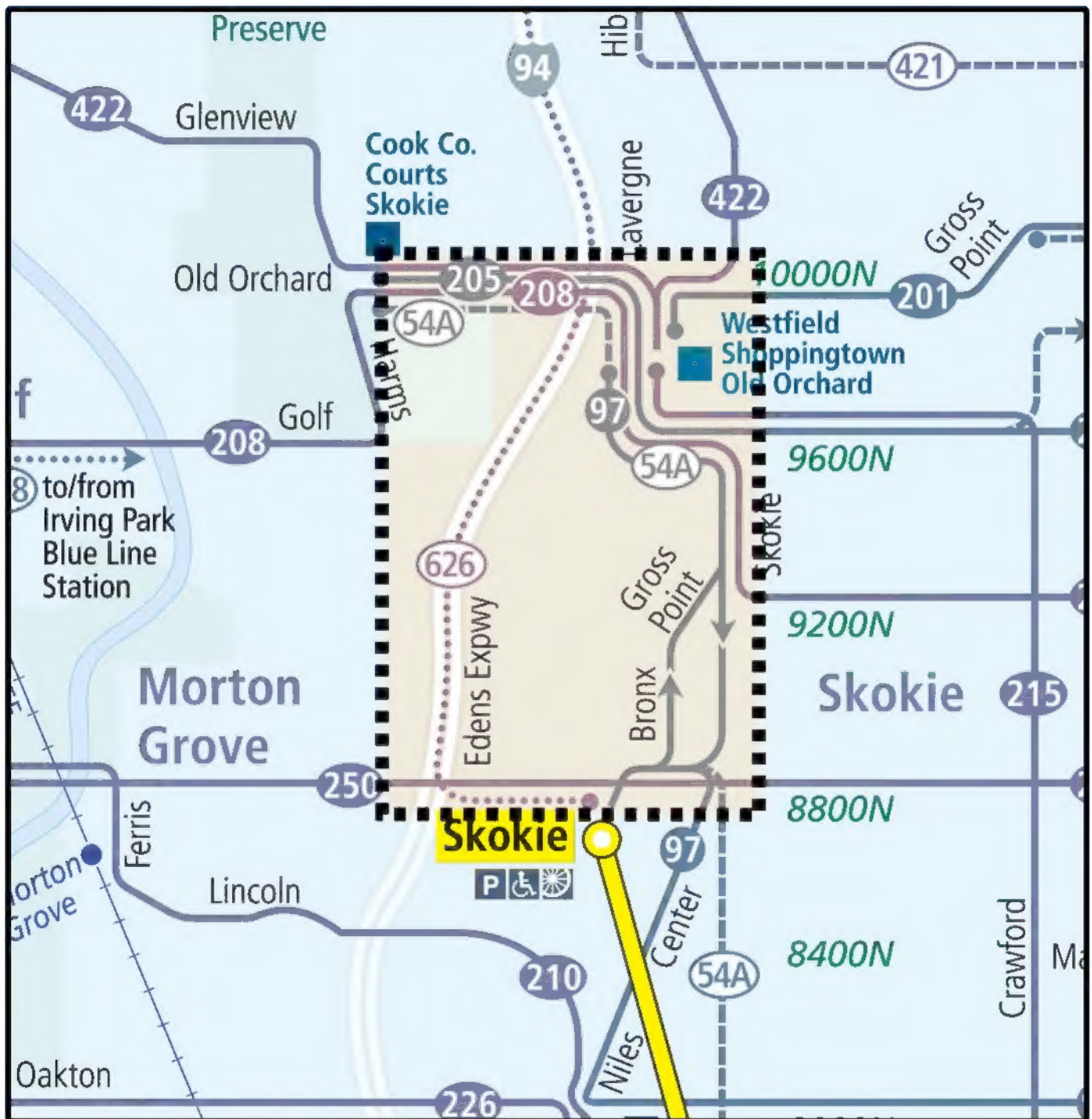
- Enhance access to the concentration of institutional, employment and retail activity in the Old Orchard Road area
- Leverage existing transit infrastructure to provide locally oriented rapid transit service
- Support local land use and development goals
- Alleviate traffic congestion due to expected growth in Skokie population and employment

Opportunity for Improvement

- Extend rapid transit service north from Dempster Street Yellow Line Terminal
- Improve access to, within, and beyond study area
- Support economic development and job opportunities
- Shorten transit travel times through faster and more direct routings



Study Area



**Yellow Line Extension
Alternative Analysis Study**



Community Participation

Community participation is one of the key components of the alternatives analysis.

Community Outreach

- General Public
- Elected and Appointed Officials
- Community and Civic Organizations
- Faith-Based Organizations
- Local and State Agencies

Ongoing Public Involvement / Input

- Meetings announced through public notices and advertisements
- Project updates on the CTA web site:
www.transitchicago.com, accessible at local public libraries



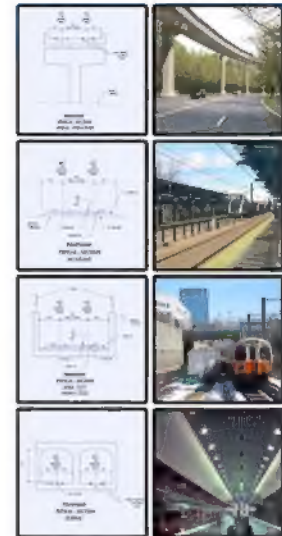
Universe of Alternatives



Technologies



Corridors



Profiles

Automated Guideway /
Monorail

Bus Rapid Transit

Commuter Bus

Commuter Rail

Heavy Rail

High Speed Rail


Light Rail

Local Bus

MagLev


Personal Rapid Transit

Streetcar

 **Edens
Expressway**

 **UP Railroad**

 **Gross Pointe
Road / Skokie**

 **Skokie
Boulevard**

T

Elevated



At-Grade



Trench



Underground



**Yellow Line Extension
Alternative Analysis Study**

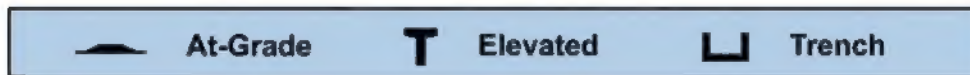


Screen 1 Findings

Heavy Rail Transit



UP Railroad Corridor



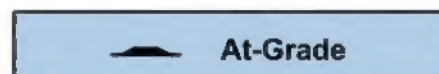
Bus Rapid Transit



UP Railroad Corridor



Combined Gross Pt / Skokie Corridor



**Yellow Line Extension
Alternative Analysis Study**



Alternatives Definition

Transportation System Management (Incorporates BRT)



Dempster / Skokie / Old Orchard Corridor

— At-Grade

No Exclusive Lanes

2 Stations / 2.6 Route Miles

Bus Rapid Transit

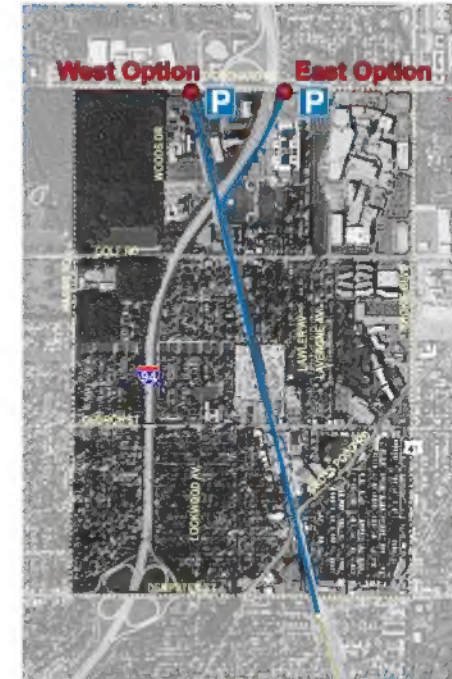


UP Railroad Corridor

— At-Grade

2 Stations / 2.0 Route Miles

Heavy Rail Transit



UP Railroad Corridor

T Elevated / L Trench

1 Station / 1.6 Route Miles

Corridors, Stations and Parking P are shown in generalized locations only.





Yellow Line Extension
Alternative Analysis Study



SCREEN 2 - Step 2:

Evaluation Findings

Technology	TSM (Incorporates BRT)	Bus Rapid Transit 	Heavy Rail Transit 			
		UPRR	UPRR West Option	UPRR West Option	UPRR East Option	UPRR East Option
Corridor	Dempster / Skokie / Old Orchard	UPRR	UPRR West Option	UPRR West Option	UPRR East Option	UPRR East Option
Profile	At-Grade (No Exclusive Lanes)	At-Grade	Elevated	Trench	Elevated	Trench
Physical Constraints	○	○	○	-	○	-
Social	○	○	○	○	○	○
Economic	○	○	○	○	+	+
Environmental	○	○	-	-	-	-
Transportation	-	-	+	+	+	+
Capital Cost	+	+	-	-	○	-
Operating Cost	○	+	○	○	○	○
Ridership	○	○	+	+	+	+
Summary Rating	0	+1	0	-1	+2	0
LPA Recommendation	NO	NO	NO	NO	YES	NO

+ Better than other alternatives ○ Comparable to other alternatives - Worse than other alternatives



**Yellow Line Extension
Alternative Analysis Study**



Locally Preferred Alternative

Heavy Rail Transit



UP Railroad Corridor

T Elevated 1 Station / 1.6 Route Miles

Corridors, Stations and Parking **P** are shown in generalized locations only.



**Yellow Line Extension
Alternative Analysis Study**

